

Jing Wang

List of Publications by Year in descending order

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44
papers

3,557
citations

218381

26
h-index

233125

45
g-index

47
all docs

47
docs citations

47
times ranked

5744
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen-vacancy-embedded 2D/2D NiFe-LDH/MXene Schottky heterojunction for boosted photodegradation of norfloxacin. <i>Applied Surface Science</i> , 2022, 572, 151432.	3.1	37
2	Facile one-step electrodeposition of two-dimensional nickel-iron bimetallic sulfides for efficient electrocatalytic oxygen evolution. <i>Journal of Alloys and Compounds</i> , 2022, 894, 162533.	2.8	25
3	Enhancing catalytic ozonation activity of MCM-41 via one-step incorporating fluorine and iron: The interfacial reaction induced by hydrophobic sites and Lewis acid sites. <i>Chemosphere</i> , 2022, 292, 133544.	4.2	13
4	Shedding Light on Luminescent Janus Nanoparticles: From Synthesis to Photoluminescence and Applications. <i>Small</i> , 2022, 18, e2200020.	5.2	11
5	Visible-light-driven photoelectrocatalytic activation of chloride by nanoporous MoS ₂ @BiVO ₄ photoanode for enhanced degradation of bisphenol A. <i>Chemosphere</i> , 2021, 263, 128279.	4.2	53
6	The mechanism of Metal-H ₂ O ₂ complex immobilized on MCM-48 and enhanced electron transfer for effective peroxone ozonation of sulfamethazine. <i>Applied Catalysis B: Environmental</i> , 2021, 280, 119453.	10.8	24
7	Efficient catalytic ozonation of bisphenol A by three-dimensional mesoporous CeO _x -loaded SBA-16. <i>Chemosphere</i> , 2021, 278, 130412.	4.2	21
8	Interfacial engineering of 2D/2D MXene heterostructures: face-to-face contact for augmented photodegradation of amoxicillin. <i>Chemical Engineering Journal</i> , 2021, 426, 131246.	6.6	42
9	Recent Progress on Transition Metal Based Layered Double Hydroxides Tailored for Oxygen Electrode Reactions. <i>Catalysts</i> , 2021, 11, 1394.	1.6	8
10	Composite Si-O-metal network catalysts with uneven electron distribution: Enhanced activity and electron transfer for catalytic ozonation of carbamazepine. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118311.	10.8	43
11	Vacancy engineering of group VI anions in NiCo ₂ A ₄ (A = O, S, Se) for efficient hydrogen production by weakening the shackles of hydronium ion. <i>Electrochimica Acta</i> , 2020, 333, 135515.	2.6	15
12	Plasma-engineered NiO nanosheets with enriched oxygen vacancies for enhanced electrocatalytic nitrogen fixation. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 455-463.	3.0	79
13	Highly efficient degradation of perfluorooctanoic acid: An integrated photo-electrocatalytic ozonation and mechanism study. <i>Chemical Engineering Journal</i> , 2020, 391, 123533.	6.6	24
14	Efficient catalytic ozonation of diclofenac by three-dimensional iron (Fe)-doped SBA-16 mesoporous structures. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 461-470.	5.0	25
15	Efficient removal of 2,2',4,4'-tetrabromodiphenyl ether with a Z-scheme Cu ₂ O-(rGO-TiO ₂) photocatalyst under sunlight irradiation. <i>Chemosphere</i> , 2020, 254, 126806.	4.2	25
16	Insights into the Photothermal Conversion of 2D MXene Nanomaterials: Synthesis, Mechanism, and Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2000712.	7.8	336
17	Fabrication of carbon quantum dots/TiO ₂ /Fe ₂ O ₃ composites and enhancement of photocatalytic activity under visible light. <i>Chemical Physics Letters</i> , 2019, 730, 391-398.	1.2	53
18	A fluorescent nanoprobe for 4-ethylguaicol based on the use of a molecularly imprinted polymer doped with a covalent organic framework grafted onto carbon nanodots. <i>Mikrochimica Acta</i> , 2019, 186, 182.	2.5	35

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19	Constructing honeycomb architectures from polymer carbon dot composites for luminous efficacy enhancement of LEDs. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	2
20	Noble Metal-Free Nanocatalysts with Vacancies for Electrochemical Water Splitting. <i>Small</i> , 2018, 14, e1703323.	5.2	250
21	Fabrication of phosphorus nanostructures/TiO ₂ composite photocatalyst with enhancing photodegradation and hydrogen production from water under visible light. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 215-223.	5.0	42
22	Manganese Copper Sulfide Nanocomposites: Structure Tailoring and Photo/Electrocatalytic Hydrogen Generation. <i>ChemCatChem</i> , 2017, 9, 4148-4154.	1.8	10
23	Highly Branched Metal Alloy Networks with Superior Activities for the Methanol Oxidation Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4488-4493.	7.2	210
24	Electrodeposited cobalt phosphide superstructures for solar-driven thermoelectrocatalytic overall water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16580-16584.	5.2	54
25	Inorganic-organic Hybrid Membranes for Photocatalytic Hydrogen Generation and Volatile Organic Compound Degradation. <i>Procedia Engineering</i> , 2017, 215, 202-210.	1.2	1
26	In situ chemical etching of tunable 3D Ni ₃ S ₂ superstructures for bifunctional electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13916-13922.	5.2	117
27	Topotactic Consolidation of Monocrystalline CoZn Hydroxides for Advanced Oxygen Evolution Electrodes. <i>Angewandte Chemie</i> , 2016, 128, 10482-10486.	1.6	30
28	Topotactic Consolidation of Monocrystalline CoZn Hydroxides for Advanced Oxygen Evolution Electrodes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10326-10330.	7.2	43
29	Rational Integration of Inbuilt Aperture with Mesoporous Framework in Unusual Asymmetrical Yolk-Shell Structures for Energy Storage and Conversion. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32901-32909.	4.0	20
30	Nature-Inspired Design of Artificial Solar-Fuel Conversion Systems based on Copper Phosphate Microflowers. <i>ChemSusChem</i> , 2016, 9, 1575-1578.	3.6	10
31	Corrosion-Mediated Self-Assembly (CMSA): Direct Writing Towards Sculpturing of 3D Tunable Functional Nanostructures. <i>Angewandte Chemie</i> , 2015, 127, 16030-16034.	1.6	5
32	Corrosion-Mediated Self-Assembly (CMSA): Direct Writing Towards Sculpturing of 3D Tunable Functional Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15804-15808.	7.2	12
33	Self-supported yolk-shell nanocolloids towards high capacitance and excellent cycling performance. <i>Nano Energy</i> , 2015, 18, 273-282.	8.2	53
34	Structural design of TiO ₂ -based photocatalyst for H ₂ production and degradation applications. <i>Catalysis Science and Technology</i> , 2015, 5, 4703-4726.	2.1	223
35	Bidentate-complex-derived TiO ₂ /carbon dot photocatalysts: in situ synthesis, versatile heterostructures, and enhanced H ₂ evolution. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5703.	5.2	120
36	Vegetable-extracted carbon dots and their nanocomposites for enhanced photocatalytic H ₂ production. <i>RSC Advances</i> , 2014, 4, 44117-44123.	1.7	89

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37	Hair-derived carbon dots toward versatile multidimensional fluorescent materials. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6477-6483.	2.7	139
38	Carbon-ensemble-manipulated ZnS heterostructures for enhanced photocatalytic H ₂ evolution. <i>Nanoscale</i> , 2014, 6, 9673.	2.8	71
39	Quantum-dot-embedded polymeric fiber films with photoluminescence and superhydrophobicity. <i>Materials Letters</i> , 2013, 99, 54-56.	1.3	13
40	Macromonomer-induced CdTe quantum dots toward multicolor fluorescent patterns and white LEDs. <i>RSC Advances</i> , 2012, 2, 9005.	1.7	20
41	Multifunctional ionomer-derived honeycomb-patterned architectures and their performance in light enhancement of light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 4089.	6.7	32
42	Amphiphilic Egg-Derived Carbon Dots: Rapid Plasma Fabrication, Pyrolysis Process, and Multicolor Printing Patterns. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9297-9301.	7.2	604
43	Versatile Bifunctional Magnetic-Fluorescent Responsive Janus Supraballs Towards the Flexible Bead Display. <i>Advanced Materials</i> , 2011, 23, 2915-2919.	11.1	335
44	Quantum-dot-embedded ionomer-derived films with ordered honeycomb structures via breath figures. <i>Chemical Communications</i> , 2010, 46, 7376.	2.2	48